

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 09852/0202933-USQ
INTERNATIONAL APPLICATION NO. PCT/JP2003/014829	INTERNATIONAL FILING DATE 20 November 2003	U.S. APPLICATION NO. (if known) (see 37 CFR 1.5) <b>10/535547</b>
TITLE OF INVENTION HYDROGEN PERMEABLE MEMBRANE		PRIORITY DATE CLAIMED 20 November 2002
APPLICANT(S) FOR DO/EO/US Koichi Kita et al.		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☒ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - ☒ is attached hereto (required only if not communicated by the International Bureau).
  - ☐ has been communicated by the International Bureau.
  - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - ☒ is attached hereto.
  - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - ☐ are attached hereto (required only if not communicated by the International Bureau).
  - ☐ have been communicated by the International Bureau.
  - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

- ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98; PTO/SB/08A; ISR with six documents.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☒ A preliminary amendment.
- ☒ An Application Data Sheet under 37 CFR 1.76.
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☒ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- ☒ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information: Certificate of Express Mailing Under 37 CFR 1.10; Check in the amount of \$1,500.00; Affirmation of priority claim w/PCT/IB/304; Return Receipt Postcard

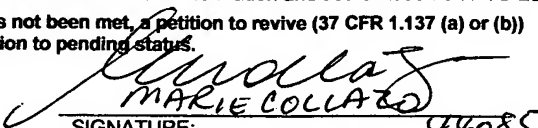
JC20 Rec'd PCT/PTO 18 MAY 2005

PTO-1390 (REV 02-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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U.S. APPLICATION NO. (if known, see 37 CFR 1.55) <div style="font-size: 24pt; font-weight: bold; margin-top: 5px;">10/535547</div>		INTERNATIONAL APPLICATION NO. PCT/JP2003/014829		ATTORNEY'S DOCKET NUMBER 09852/0202933-USO		
The following fees have been submitted				CALCULATIONS	PTO USE ONLY	
21.	<input checked="" type="checkbox"/>	Basic national fee .....	\$300	\$ 300.00		
22.	<input checked="" type="checkbox"/>	Examination fee				
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) .....				\$100		
All other situations .....				\$200		
23.	<input checked="" type="checkbox"/>	Search fee				
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....				\$100		
International Search Report prepared and provided to the Office .....				\$400		
All other situations .....				\$500		
TOTAL OF 21, 22 and 23 =				\$ 900.00		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE			
27 - 100 =	/50 =		x \$250.00			
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			
Total claims	9 - 20 =		x	\$ 0.00		
Independent claims	6 - 3 =	3	x 200.00	\$ 600.00		
MULTIPLE DEPENDENT CLAIM(s) (if applicable)				+		
TOTAL OF ABOVE CALCULATIONS =				\$ 1,500.00		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$		
SUBTOTAL =				\$ 1,500.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				+	\$	
TOTAL NATIONAL FEE =				\$ 1,500.00		
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$	
TOTAL FEES ENCLOSED =				\$ 1,500.00		
				Amount to be refunded:	\$	
				Amount to be charged:	\$	
a. <input checked="" type="checkbox"/> A check in the amount of \$ 1,500.00 to cover the above fees is enclosed.						
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.						
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-0100. A duplicate copy of this sheet is enclosed.						
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.						
SEND ALL CORRESPONDENCE TO: Joseph R. Robinson DARBY & DARBY P.C. P.O. Box 5257 New York, New York 10150-5257 (212) 527-7783 CUSTOMER NUMBER: 07278						
				SIGNATURE:  Louis J. DelJuidice		
				NAME		
				47,522		
				REGISTRATION NUMBER		

10/535547

JC20 Rec'd PCT/PTO 18 MAY 2005

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 09852/0202933-US0

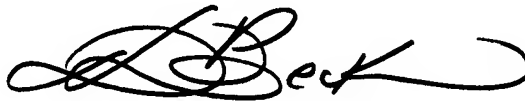
## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. \_\_\_\_\_ in an envelope addressed to:

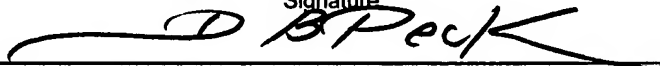
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MS PCT  
Commissioner for Patents  
P.O. Box 1450  
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on May 18, 2005  
Date



Signature



Typed or printed name of person signing Certificate

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

PTO 1390 (2 pp); Application Data Sheet (4 pp)  
2 copies of the International application (10 pp)  
2 copies of English language translation of the International application  
(23 pp); Claims (2 pp); Abstract (1 pg); Drawing (Fig. 1; 1 sheet)  
First Preliminary Amendment (7 pp)  
Information Disclosure Statement (2 pp); PTO/SB/08A (1 pg); ISR with six  
documents  
Affirmation of priority claim (1 pg) w/PCT/IB/304  
Check No. 8623 in the amount of \$1,500.00  
Return Receipt Postcard